

# DUAL STACK BATTERY TEST CHAMBER



Envisys dual-stack battery test chamber provides robust testing capabilities for high-performance battery cells, with a focus on safety, versatility, and efficient space utilization. The dual-stack configuration maximizes testing efficiency by accommodating multiple battery modules in a compact footprint, allowing for comprehensive, parallel testing of various cell types while significantly reducing space requirements. This optimized setup meets stringent industry standards, supporting a wide range of thermal profiles and cycling parameters to simulate realworld conditions accurately.

Incorporating EUCAR safety standards, the chamber is equipped with advanced safety features that ensure safe operation across all EUCAR hazard levels. Key safety systems include high-sensitivity temperature and pressure monitoring, automatic ventilation, and fail-safe mechanisms that activate in response to over-temperature, over-pressure, or gas detection. These features maintain a controlled environment, prioritizing safety without compromising testing precision, making this dual-stack chamber an ideal solution for modern battery testing with minimized space impact.

Revision History	Prepared By	Date
00	Prasannakeethi PM	04 November 2024

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